

1/7

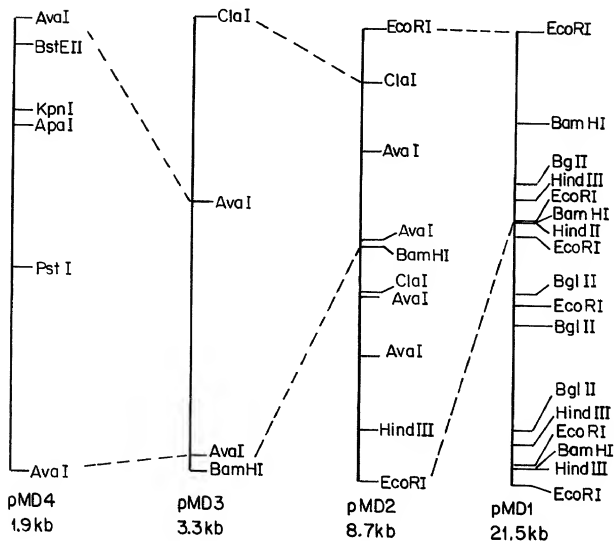


Fig. 1

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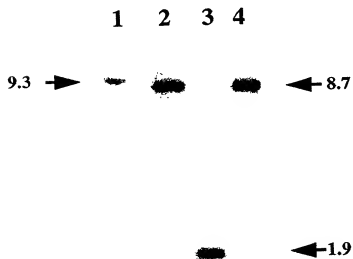


Fig. 2

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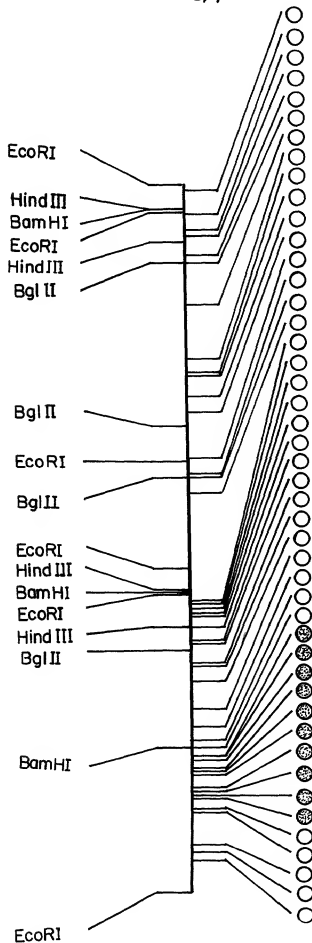


Fig. 3

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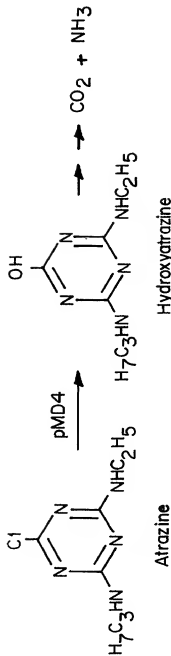


Fig. 4

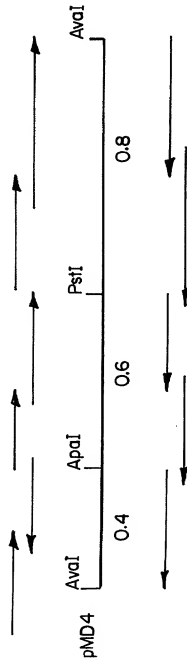


Fig. 5

Fig. 6

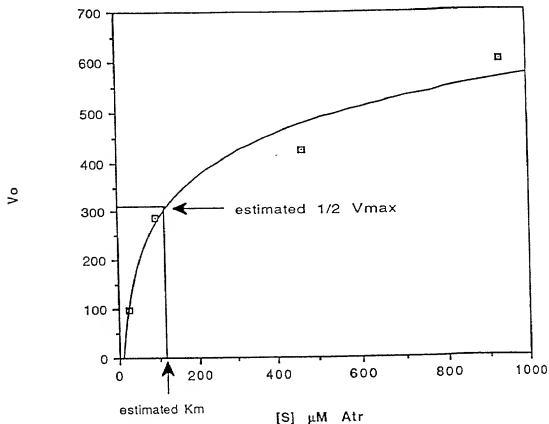
atzA →

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Fig. 7

1 MQTLSIQHGT LVTMDQYRRV LGDSWVHVQD GRIVALGVHA ESVPPPADRV
51 IDARGKVVL P GFINAHTHVN QILLRGGPSH GRQFYDWLFN VVYPGQKAMR
101 PEDVAVAVRL YCAEAVRSGI TTINENADSA IYPGNIEAAM AVYGEVGVVRV
151 VYARMFFDRM DGRIQGYVDA LKARSPQVEL CSIMEETAVA KDRITALSDQ
201 YHGTAGGRIS VWPAPATTTA VTVEGMRWAQ AFARDRAVMW TLHMAESDHD
251 ERIHGMSPA E YMECYGLLDE RLQVAHCVYF DRKDVRLLRH HNVKVASQVV
301 SNAYLGSGVA PVPEMVERGM AVGIGTDNGN SNDSANMIGD MKFMAIHRA
351 VHRDADVLTP EKILEMATID GARSLGMDHE IGSJETGKRA DLILLDLRHL
401 RRLSHHLAAT IVFQAYGNEV DTVLIDGNV MENRRLSFLP PERELAFLEE
451 AQSRAATILQ RANMVANPAW RSL

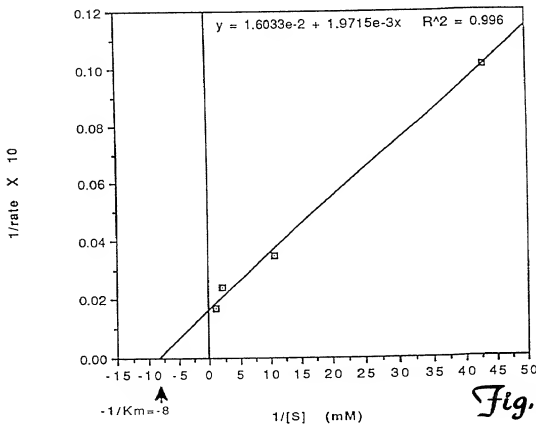
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Rates for AtzA w/ atrazine



(A)

□ $m = \text{rate}$

Lineweaver Burke plot
 K_m estimated to be 125 μM



(B)

□ $1/\text{rate} \times 10$

Fig. 8